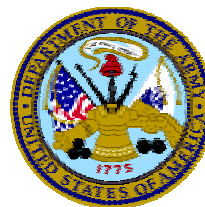


Central Region Review



U.S. Army Environmental Center Central Regional Office Kansas City, Missouri



★ NOVEMBER 2003 ★

★ REGIONS 6 & 7 ★

The *CENTRAL REGION REVIEW* provides current information on significant federal and state legislative and regulatory developments in federal Regions 6 and 7. The *REVIEW* is prepared by Versar, Inc., in support of the Central Regional Environmental Office, to assist you in your compliance efforts. Current and past issues of this *REVIEW*, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please phone (816) 983-3327 if you have any questions or suggestions, or if you would like to subscribe to the *REVIEW*.

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GENERAL INFORMATION

Air Quality Index forecasts now available year-round. Beginning October 1, new information on air quality will be available year-round in more than 100 U.S. cities. As part of an ongoing effort to protect the American public from air pollution, the EPA, together with state and local governments, is expanding current air quality forecasts to include daily information on particle pollution. The Air Quality Index, or AQI, is a color-coded system designed to inform the public about daily air pollution levels in their communities. This information is available for more than 100 cities and this number is expected to grow in the coming months as additional areas begin forecasting. The Weather Channel. Forecasts, health information, and maps showing real-time particle levels also are available on EPA's AIRNow web site, at www.epa.gov/airnow.

US Army Environmental Center's publication, *Environmental Update*, Volume 15, No. 4, Fall, 2003 now available online. The *Environmental Update* is a publication of Army environmental news and is published on a quarterly basis. The Fall 2003 issue is now available online and contains current information relevant to perchlorate guidance, draft environmental impact statements for three proposed Stryker Units, unveiling of an environmental data portal, use of livestock to control noxious weeds on installations among others. Complete articles for these and other stories are available at <http://aec.army.mil/usaec/publicaffairs/update/fall03/fall03.html>.

New Federal Facilities Stewardship and Compliance Center Initiative. The U.S. Environmental Protection Agency (EPA) has launched an initiative to establish a new and enhanced stewardship and compliance assistance center for federal facilities. The intent is to enhance and supplement the existing virtual compliance assistance center. The new Center is expected to be operational early next spring. For additional information, please contact Mike Shields at (202) 564-9035 or shields.mike@epa.gov.

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ASSISTANCE INFORMATION

U.S. Environmental Protection Agency Announcement of Availability: Results-Based Approaches and Tailored Oversight Guidance for Facilities Subject to Corrective Action Under Subtitle C of the Resource Conservation and Recovery Act. The purpose of this notice is to announce the availability of the final "Results-Based Approaches and Tailored Oversight Guidance for Facilities Subject to Corrective Action Under Subtitle C of the Resource Conservation and Recovery Act" guidance document. This guidance is designed to provide EPA Regions, States, Tribes, regulated community, members of the public, and other stakeholders with a better understanding of EPA's general results-based strategy for RCRA Corrective Action. The Agency is posting this document on the Corrective Action Web site: <http://www.epa.gov/correctiveaction>. To obtain a hard copy, please call the RCRA Call Center at 800-424-0346 or TDD 800-553-7672 (hearing impaired). In the Washington, DC, metropolitan area, call 703-412-9810 or TDD 703-412-3323. For more detailed information on specific aspects of the guidance document, contact Karen Tomimatsu, Office of Solid Waste, Mail Code 5303W, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, (703-605-0698), tomimatsu.karen@epa.gov, or Peter Neves, Office of Enforcement and Compliance Assurance, Mail Code 2273A, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, (202) 564-6072, neves.peter@epa.gov.

New Guidance Helps to Reduce Demolition Waste by Recycling. A newly published Public Works Technical Bulletin provides guidance for recovering, reusing, and recycling building materials typically disposed of as demolition waste. PWTB 200-1-23, "Guidance for the Reduction of Demolition Waste Through Reuse and Recycling," will help Army installations implement practices to reduce the amount of demolition debris generated by removing surplus buildings. *For more information contact the U.S. Army Corps of Engineers, Engineer Research and Development Center, Public Affairs Office at (601) 634-2504.*

List of Validated Environmental Analytical Laboratories Now on Internet. The list of environmental laboratories validated by the U.S. Army Corps of Engineers Hazardous, Toxic and Radioactive Waste Center of Expertise is now available online at <http://www.environmental.usace.army.mil/info/technical/chem/chemval/chemval.html>. For additional information about a laboratory, contact Laboratory Validation at (402) 697-2574.

Material Safety Data Sheets (MSDS) Available Online. There is a centralized database repository of Material Safety Data Sheets (MSDS) identified as the Hazardous Materials Information Resource System (HMIRS). This database contains nearly 300,000 product records and can be accessed by military personnel or federal employees on the following web page: http://www.dlis.dla.mil/forms/hmirs_govemployees.htm. Print the form and complete it and fax to 616-961-5925 or DSN 932-5925. A federal contractor can request access to HMIRS by visiting the following web page: http://dlis.dla.mil/forms/hmirs_govsponcontractor.htm. Non-proprietary access occurs in about 2 days.

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REGIONAL MEETINGS

10th Regional Wetlands and Water Resources Meeting: New Protection Challenges for Unprotected Waterbodies. The 3-day meeting will provide a diversity of venues to maximize networking and information exchange on the latest scientific issues, policies and regulations, technical topics, and model projects. The plenary sessions will be followed by a series of two concurrent sessions over a period of one and a half days. An interactive half-day state and tribal breakout session beginning the second day will allow a facilitated, in-depth discussion on topics relevant to the tribes and each state in EPA Region 7 (i.e., Iowa, Kansas, Missouri, and

Nebraska). Two sit-down lunches, each with an inspirational speaker, along with half hour breaks between sessions for viewing posters will allow attendees ample time to network and share ideas. One day devoted to technical workshops will provide opportunities for more in-depth exchange of ideas. This meeting will be highlighted by a field trip on day three. The meeting will be held on **9-11 March 2004** in **Kansas City, Missouri** at the Hyatt Regency, Crown Center. For general conference information please contact Tammy Taylor, Conservation Technology Information Center, (765) 494-1814, fax: (765) 494-5969, or e-mail at taylor@ctic.purdue.edu.

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TRAINING COURSES AND WORKSHOPS

USACE PROSPECT Training. This program provides job-related training through technical, professional, managerial and leadership courses to meet the unique needs of the USACE and other government agencies. The courses are open to all federal agencies. The current fiscal year schedule of classes is available at <http://pdsc.usace.army.mil/courseschedule.asp>.

EPA Environmental Response Training Program. The latest information on all training offered through this program is available at <http://www.ertresponse.com/Training/index.htm> (including specific locations of the training). For further information, please contact Patricia Maxwell at Maxwell.Patricia@epamail.epa.gov.

An Organizational Guide to Pollution Prevention Workshop. The EPA is hosting this workshop to help organizations get P2 programs started or to reevaluate existing P2 programs. The guide presents an alternative method for working P2 projects and plans, and four approaches to implementing P2 and environmental planning within an organization. The course is scheduled for **4-6 November 2003 in Dallas, Texas** and **9-11 December 2003 in Philadelphia, Pennsylvania**. For further information, please visit <http://www.epa.gov/ttnrml/p2workshop.htm>.

Texas Commission on Environmental Quality, Pollution Prevention (P2) Workshops. The Workshop will include topics such as Pollution Planning, Prevention Requirements, The Waste Reduction Policy Act, legal requirements, plan preparation, annual progress reports etc. The Workshop will be held in **Austin, Texas** on **6 - 7 November 2003**. For more information, please contact Grace Hsieh at (512) 239-1408 or ppc@tceq.state.tx.us.

Texas Commission on Environmental Quality, Environmental Management Systems (EMS) Training. The TCEQ is offering a 3-day EMS training session to provide attendees with an understanding of how to use the EMS process. The course will be taught by trainers from ERM-CVS, a global EMS certification and verification company. The training will be held **18-20 November 2003** at the **Texas Commission on Environmental Quality Campus** in **Austin, Texas** 12100 Park 35 Circle, Building C, Room 131E. For more information, please contact Larissa Peter at (512) 239-3766 or lpeter@tceq.state.tx.us.

Historic Preservation Law and Section 106 Compliance Course. This course emphasizes legal compliance through the use of actual case studies. It addresses legislation and the process to meet the requirements of the law. Course content includes the stewardship role, use of historic properties, and communications with related oversight agencies. This is an ISEERB-approved course. The course is scheduled for the following dates:

- **4-6 November 2003** in **Portsmouth, New Hampshire**
- **24-26 February 2004** in **Jacksonville, Florida**
- **20-22 April 2004** in **San Antonio, Texas**
- **20-22 July 2004** in **Annapolis, Maryland**

For further information, please visit <https://www.cecos.navy.mil>.

MDNR Workshops for Online Emissions Inventories. MDNR's Environmental Assistance Office will be offering workshops for users of Missouri's new online Emissions Inventory Questionnaire system in 2003. The Internet-based system for entering emission inventory data will be available for businesses to use for their calendar 2002 emissions reporting. Workshop locations and dates are being finalized. Workshops will be held in **17 November 2003** in **Jefferson City**; **19 November 2003** in **Kansas City**; **2 December 2003** in **Springfield** and **9**

December 2003 in St. Louis, Missouri. The Environmental Assistance Office will take reservations at (800) 361-4817. For more information, please contact Omer Roberts at (800) 361-4817 or (573) 526-6627.

DPW Worldwide Training Workshop and Trade Expo 2003. The Assistant Chief of Staff for Installation Management and the Commander, U.S. Army Corps of Engineers are sponsoring the 2003 DPW Worldwide Training Workshop to be held **1–4 December 2003 in Washington, DC.** The theme of this year's workshop is “**Army Installations—Supporting People, Readiness, and Transformation.**” Army leaders and advocates for facilities, public works, housing and environmental services will be on hand to discuss initiatives and challenges that installations are facing, and in support of transforming to the Army of the 21st Century. Also, the Department of the Army senior leadership will honor the best of the best in the Army DPW business by presenting the DPW Awards of the Year and the 25th Annual Secretary of the Army Energy & Water Management Awards. For additional information or assistance, please call (239) 592-1847 or e-mail phmareg@earthlink.net.

EPA OSWER Visual Sample Plan Training. This course provides practical, hands-on training in the use of the Visual Sample Plan software in the context of the Data Quality Objectives approach. The target audience is SUPR and RCRA project managers, EPA contractors, PRPs and their contractors, federal facilities staff, quality assurance staff, and other technical staff. Training is scheduled for **5 December 2003 in Kansas City, Kansas; and 12 December 2003 in Dallas, Texas.** For additional information, please visit http://www.hanford.gov/dqo/vsp_training/course_desc20.html. You may also contact Diane Harris, EPA Region 7, at (913) 551-7258 or harris.dianee@epa.gov; Walter Helmick, EPA Region 6, at (214) 665-8373 or helmick.walt@epa.gov.

Texas Commission on Environmental Quality (TCEQ), 4th Annual UST Management Compliance Assistance Seminar. For those engaged in installation, repair, removal, modification of underground storage tank systems; owners/operators of underground storage tank systems, including service station owner/operators, municipalities, county governments, state and federal agencies, airports and marinas. **December 7-8, 2003 in Austin, Texas** 78752, 512/323-5466. Please direct questions regarding this workshop to Jeanne Cordell, (512) 239-3846, jcordell@tceq.state.tx.us or Diane Stallings, (512) 239-6333, dstallin@tceq.state.tx.us.

Introductory Risk Communication Workshop. The CHPPM is presenting this workshop to provide participants with a basic understanding of the concepts, principles and process of effective risk communication planning. The workshop provides participants with an understanding of essential communication skills and tools for building strategic stakeholder relationships that provide the framework for discussion of complex risk issues. The workshop is scheduled for **9-11 December 2003 at Fort Campbell, Kentucky; 17-20 February 2004 in Edgewood, Maryland; 24-26 February 2004 in Seattle, Washington; 15 - 17 June 2004 in Edgewood, Maryland and 22 - 24 June 2004 in San Antonio, Texas.** For more information, please contact (410) 436-8147.

Texas Commission on Environmental Quality, Air Permitting Seminar. This advanced Air Permitting Seminar provides the latest updates on issues affecting air permitting in the state of Texas including: permitting process streamlining, representations in NSR applications, grandfathered pipeline requirements for reimbursement, GOP's for Municipal Solid Waste Landfills, flexible permits and plant-wide applicability limits, new EPA Modeling Methodology, electronic submittal of Title V renewal/revision applications. The seminar will be held on **16-17 December 2003 in Austin, Texas** For more information, please call Sue Phillips, (512) 239-6327, sPhillip@tceq.state.tx.us or Elisha Wiley, (512) 239-3150, ewiley@tceq.state.tx.us.

Advanced Risk Communication Workshop. The CHPPM is presenting this workshop to instruct participants on how to identify, build, maintain, and utilize strategic partnerships and plans to support an organization's mission. The workshop, scheduled for **13-15 January 2004 in San Diego, California,** will provide participants with hands-on experience in applying the steps of the risk communication process, on-camera media practice, and seminar-style discussions of “hot” issues impacting military health and readiness. For more information, please contact (410) 436-8147.

Natural Resources Compliance Course. This course offers instruction in specific natural resources law, regulations, policies, Executive Orders, DoD instructions, and other guidance, noting Service-specific requirements. The course addresses stewardship, preservation and process; fish, game and wildlife management laws; protection of wetlands, waterways and other protected ecological areas; forest and land use management laws; and inter-service cooperation. This ISEERB-approved course is scheduled for the following dates: **27-30 January 2004 in San**

Antonio, Texas and **22-25 June 2004** in **Aberdeen, Maryland**. For further information, please visit <https://www.cecos.navy.mil>.

Introduction to Cultural Resource Management Laws and Regulations. This course provides an integrated overview of all pertinent laws and regulations needed to understand and fulfill cultural resource management responsibilities. An ISEERB-approved course, it is scheduled for **16-18 March 2004** in **New Orleans, Louisiana** and **17-19 August 2004** in **Bangor, Maine**. For further information, please visit <https://www.cecos.navy.mil>.

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CONFERENCES AND SYMPOSIUMS

Southeast Industrial Byproducts Beneficial Use Summit. The EPA, in association with the Southern Waste Information eXchange, is presenting this summit on **4-5 November 2003** in **Atlanta, Georgia**. The purpose of the summit is to support discussions (1) between industry and regulators to increase the understanding of industrial by-products and regulatory programs; (2) among state regulators to share information and experiences on beneficial use regulations and determination processes; and (3) among industries to share experiences on navigating the regulatory process and to assess the potential to utilize each other's byproducts. Topics to be discussed include overcoming barriers to collaboration; establishing successful partnerships; establishing viable markets; and innovative government and industry programs. For further information, please visit <http://swix.ws/upload/Brochure.pdf>.

The 2003 International GreenBuild Conference and Expo. The U.S. Green Building Council is sponsoring a conference for the Green Building industry. The location for this conference is **The David L. Lawrence Convention Center, Pittsburgh, PA**. This is a five-day conference, presenting the latest advancements in green building design, construction, project financing and building management on **12-14 November 2003**. For additional information, please call (202) 828-7422 or visit online at <http://www.greenbuildexpo.org/>.

The 2003 State Environmental Achievement Meeting: A Report from Outside the Beltway: "Building Bridges". ECOS and the Environmental Research Institute of the States are sponsoring a conference that will focus on state partnerships with the federal government, other agencies and state governments, industry, and environmental groups. Through the use of case studies, State officials will discuss how they have been able to enhance environmental protection in a time of severe budgetary and staffing constraints. Examples will include DoD partnerships. The conference will be held on **19 November 2003** in **Washington, DC**. For more information please contact Carolyn Sistare at (202) 624-3660 or csistare@ssso.org.

EPA Emergency Preparedness and Prevention Conference. The theme of this conference is "Stay the Course," and will emphasize the importance of continued diligence and focus on emergency planning and preparedness efforts. The conference, which is scheduled for **16-19 November 2003** in **Norfolk, Virginia**, will include workshops, general sessions, networking opportunities, and an exhibit hall. For more information, please visit <http://www.2003conference.org>.

NREP/INSTEP Annual Technical Conference. The National Registry of Environmental Professionals (NREP) and the International Society of Technical and Environmental Professionals (INSTEP) are co-sponsoring this conference. The agenda includes certification preparatory workshops, technical papers, and special seminars for updating professional skills. The conference is scheduled for **17-21 November 2003** in **Orlando, Florida**. For more information, please visit <http://www.nrep.org/conference/conference2.html>.

Partners in Environmental Technology Symposium. The Strategic Environmental Research and Development Program and the Environmental Security Certification Program are hosting this symposium and workshop with the theme, "Meeting DoD's Environmental Challenges." A major focus will be sustainability of military testing and training ranges. The symposium, which is scheduled for **2-4 December 2003** in **Washington, D.C.**, will offer 12 technical sessions that highlight proven technologies, as well as technologies needed to address emerging environmental challenges. For more information, please visit <http://www.serdp.org/news/ESAa4c.pdf>.

Conference on Sustainable Range Management. This conference will provide a venue for exchange of information benefiting all stakeholders involved with range management issues. The technical programs will include urban growth and encroachment issues, management of airspace, noise abatement issues, air quality management,

threatened and endangered species habitat protection, military munitions response program, and cleanup of munitions and explosives of concern. The conference is scheduled for **5-8 January 2004** in **New Orleans, Louisiana**. For additional information, please visit <http://www.battelle.org/rangecon>.

2004 North American Environmental Field Conference and Exposition: Advances in Environmental Site Characterization and Monitoring Technology. The event will be held in **Tampa, FL** on **14 - 16 January 2004** at the University of South Florida. It is being presented by The Nielsen Environmental Field School (a training provider to the DoD) and is co-sponsored by the University of South Florida Water Institute and Princeton Groundwater in cooperation with ASTM International, EPA and CRC Press. For additional information, please contact Gillian Nielsen, Exposition Manager by email: info@envirofieldschool.com or call (740) 965-5026. A web site dedicated to this event is found at <http://www.envirofieldconference.com/>.

2004 Army Environmental Training Symposium. The second Army Environmental Training Symposium will be held **1-5 March 2004** at the **Westin Crown Center** hotel in **Kansas City, Mo**. This year the Directorate of Environmental Integration (DEI) at the US Army Engineer School, Fort Leonard Wood will be assisting the Installation Management Agency and the Army Training and Doctrine Command in administrative and planning support for the event. In mid-October, the DEI will send out surveys by mail to Commanders/Managers/Supervisors who will be asked to provide input for their top five environmental training needs to DEI no later than **15 November 2003**. For additional information, please call DSN – 676-4124, (573) 563-4124, fax (573) 563-4127.

NDIA 30th Environmental & Energy Symposium & Exhibition. Papers from government, industry, academia and the international community are now being solicited for this symposium, scheduled for **5-8 April 2004** in **San Diego, California**. For a list of topics, as well as information about the symposium, please visit <http://www.ndia.org/events/brochure/4440>. Abstracts are due by 17 October 2003. For more information, please contact Naomi Mundy at (703) 247-9476 or nmundy@ndia.org.

Archaeological Resource Protection Act Course. Fort Hood and the USACE are hosting this course on the Archaeological Resource Protection Act. The course is scheduled for **13-15 April 2004** at **Fort Hood, Texas**. For more information, please call (254) 287-1092.

National Environmental Assistance Summit. Sponsored by the EPA, this summit is a merger of the National Pollution Prevention Roundtable Spring Conference and the National Compliance Assistance Providers Forum. It is scheduled for **19-22 April 2004** in **Baltimore, Maryland**. If you are interested in presenting at the summit, a Presentation Abstract Submittal Form is found at <http://www.p2.org/summit2004/submitabstract.cfm>. The deadline for submitting is 21 November 2003. For more information on the summit, please visit <http://www.p2.org/summit2004/index.cfm>.

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FEDERAL ACTIONS

EPA FINAL RULES

Federal Plan Requirements for Commercial and Industrial Solid Waste Incinerators Constructed on or Before November 30, 1999. On December 1, 2000, the EPA adopted emission guidelines for existing commercial and industrial solid waste incineration (CISWI) units. Sections 111 and 129 of the Clean Air Act (CAA) require States with existing CISWI units subject to the emission guidelines to submit to the EPA plans that implement and enforce the emission guidelines. Indian Tribes may submit, but are not required to submit, Tribal plans. State plans were due from States with CISWI units subject to the emission guidelines on December 1, 2001. If a State or Tribe with existing CISWI units does not submit an approvable plan, sections 129 and 111 of the CAA require the EPA to develop, implement, and enforce a Federal plan for CISWI units located in that State or Tribal area within 2 years after promulgation of the emission guidelines (December 1, 2002). The EPA proposed a Federal plan for CISWI units on November 25, 2002. This action promulgates a Federal plan to implement emission guidelines for CISWI units located in States and Indian country without effective State or Tribal plans. This Federal plan is an interim action because on the effective date of an approved State or Tribal plan, the Federal plan will no longer apply to CISWI units covered by the State or Tribal plan. The final rule is effective November 3, 2003. For further information concerning specific aspects of this Federal plan, contact Mr. David Painter at (919) 541-5515, Program Implementation and

Approval and Promulgation of Implementation Plans; New Mexico; Revision to Motor Vehicle Emission Budgets in Bernalillo County, New Mexico Carbon Monoxide Air Quality Maintenance Plan Using MOBILE6.

The EPA is taking direct final action approving the State Implementation Plan (SIP) revisions for Bernalillo County, New Mexico, which is a carbon monoxide maintenance area. The Governor of New Mexico submitted this SIP revision to EPA on May 15, 2003. More specifically, EPA is approving the county's revised Motor Vehicle Emissions Budget (MVEB) for carbon monoxide (CO) for 1996, 1999, 2002, 2005 and 2006. This budget was developed using EPA's latest emissions modeling program, MOBILE6. This submittal updates the maintenance plan by establishing new transportation conformity MVEBs for use by the Mid-Region Council of Governments, the area's Metropolitan Planning Organization (MPO). These budgets will continue to maintain the total on-road mobile source emissions for the area at or below the attainment level for the CO National Ambient Air Quality Standard (NAAQS). This rule is effective on November 24, 2003 without further notice, unless EPA receives adverse comment by November 10, 2003. If EPA receives such comment, EPA will publish a timely withdrawal in the Federal Register informing the public that this rule will not take effect. Written comments on this action should be addressed to Mr. Thomas H. Diggs, Chief, Air Planning Section (6PD-L), at the EPA Region 6 office listed below. Electronic comments should be sent either to Diggs.Thomas@epa.gov or to <http://www.regulations.gov/>, which is an alternative method for submitting electronic comments to EPA. To submit comments, please follow the detailed instructions described in the Final Action part of this document. Copies of the State's submittal and other documents relevant to this action are available for public inspection during normal business hours at the following locations. Anyone wanting to examine these documents should make an appointment with the appropriate office at least two working days in advance. (Environmental Protection Agency, Region 6, Air Planning Section (6PD-L), 1445 Ross Avenue, Dallas, Texas, 75202-2733, City of Albuquerque Environmental Health Department, 1 Civic Plaza, Albuquerque, New Mexico 87103, telephone 505-768-2600). For additional information, please contact Ms. Peggy Wade, Air Planning Section (6PD-L), Environmental Protection Agency, Region 6, 1445 Ross Avenue, Dallas, Texas, 75202-2733, telephone (214) 665-7247 or Wade.Peggy@epa.gov.

Clean Water Act Section 303(d): Final Agency Action on 5 Total Maximum Daily Loads (TMDLs). In 1999, five Arkansas environmental groups, the Sierra Club, Federation of Fly Fishers, Crooked Creek Coalition, Arkansas Fly Fishers, and Save our Streams (plaintiffs), filed a lawsuit in Federal Court against the United States Environmental Protection Agency (EPA), styled Sierra Club, et al. v. Browner et al., No. LR-C-99-114. Among other claims, plaintiffs alleged that EPA failed to establish Arkansas TMDLs in a timely manner. This notice announces final agency action on 5 TMDLs prepared by EPA Region 6 for waters listed in the state of Arkansas, under Section 303(d) of the Clean Water Act (CWA). These TMDLs were completed in response to the lawsuit styled *Sierra Club, et al. v. Clifford, et al.*, No. LR-C-99-114. Documents from the administrative record files for the final 5 TMDLs, including TMDL calculations and responses to comments, may be viewed at <http://www.epa.gov/earth1r6/6wq/artmdl.htm>. The administrative record files for these 5 TMDLs may be obtained by writing Ms. Ellen Caldwell, Environmental Protection Specialist, Water Quality Protection Division, U.S. Environmental Protection Agency Region 6, 1445 Ross Ave., Dallas, TX 75202-2733 or calling (214) 665-7513.

EPA Will Not Regulate Dioxin in Sewage Sludge. EPA has made a final decision not to regulate dioxins in land-applied sewage sludge. After five years of study, including outside peer review, the Agency has determined that dioxins from this source do not pose a significant risk to human health or the environment. The most highly exposed people, theoretically, are those people who apply sewage sludge as a fertilizer to their crops and animal feed, and consume their own crops and meat products over their entire lifetimes. EPA's analysis shows that even for this theoretical population, only 0.003 new cases of cancer could be expected each year or only 0.22 new cases of cancer over a span of 70 years. The risk to people in the general population of new cancer cases resulting from sewage sludge containing dioxin is even smaller due to lower exposures to dioxin in land-applied sewage sludge than the highly exposed farm family that EPA modeled. EPA's 2001 Dioxins Update to the National Sewage Sludge Survey indicates that dioxins levels in treated sewage sludge have declined since the last EPA survey in 1988. This downward trend is expected to continue as regulatory controls are placed on additional sources of dioxins in the environment, particularly on some combustion practices. Dioxins are a group of highly toxic persistent compounds that are a byproduct of certain combustion and chemical manufacturing processes. Sewage sludge is the byproduct of treatment processes that purify wastewater before it is released into local waterways. For more information about this decision, visit <http://www.epa.gov/waterscience/biosolids/>.

EPA PROPOSED RULES

Approval and Promulgation of State Implementation Plans; State of Iowa EPA is taking final action to approve a revision to the State Implementation Plan (SIP) submitted by the State of Iowa.

The purpose of this revision is to update the 1998 and 2000 Polk County Board of Health Rules and Regulations, Air Pollution, Chapter V. These revisions will help to ensure consistency between the applicable local agency rules and federally approved rules, and ensure Federal enforceability of the applicable parts of the local agency air programs. This direct final rule will be effective December 8, 2003, unless EPA receives adverse comments by November 7, 2003. If adverse comments are received, EPA will publish a timely withdrawal of the direct final rule in the Federal Register informing the public that the rule will not take effect. Comments may be submitted either by mail or electronically. Written comments should be submitted to Heather Hamilton, Environmental Protection Agency, Air Planning and Development Branch, 901 North 5th or electronically to <http://www.regulations.gov>, which is an alternative method for submitting comments to EPA. To submit comments, please follow the detailed instructions described in "What action is EPA taking" in the SUPPLEMENTARY INFORMATION section. For additional information, please contact Heather Hamilton at 913-551-7039, or by e-mail at hamilton.heather@epa.gov.

Approval and Promulgation of Implementation Plans; State of Iowa. EPA proposes to approve a revision to the State Implementation Plan (SIP) submitted by the state of Iowa. The purpose of this revision is to approve the 1998 and 2000 updates to the Polk County Board of Health Rules and Regulations, Air Pollution, Chapter V. These revisions will help to ensure consistency between the applicable local agency rules and federally approved rules, and ensure Federal enforceability of the applicable parts of the local agency air programs. Comments on this proposed action must be received in writing by November 7, 2003. Comments may be submitted either by mail or electronically. Written comments should be mailed to Heather Hamilton, Environmental Protection Agency, Air Planning and Development Branch, 901 North 5th or electronically to <http://www.regulations.gov>, which is an alternative method for submitting comments to EPA. To submit comments, please follow the detailed instructions described in "What action is EPA taking" in the SUPPLEMENTARY INFORMATION section of the direct final rule which is located in the rules section of the Federal Register. For additional information, please contact Heather Hamilton at (913) 551-7039, or by e-mail at hamilton.heather@epa.gov.

OTHER EPA REGULATORY ACTIVITY

Environmental Protection Agency (EPA) Notice of Availability Clean Water Act Section 303(d): This notice announces the availability for comment of the administrative record file for 3 TMDLs and the calculations for these TMDLs prepared by EPA Region 6 for waters listed in the state of Arkansas under section 303(d) of the Clean Water Act (CWA). These TMDLs were completed in response to the lawsuit styled Sierra Club, et al. v. Browner, et al., No. LR-C-99-114. Comments must be submitted in writing to EPA on or before October 31, 2003. Comments on the 3 TMDLs should be sent to Ellen Caldwell, Environmental Protection Specialist, Water Quality Protection Division, U.S. Environmental Protection Agency Region 6, 1445 Ross Ave., Dallas, TX 75202-2733, facsimile (214) 665-6490, or e-mail: caldwell.ellen@epa.gov. For further information, contact Ellen Caldwell at (214) 665-7513. Documents from the administrative record file for these TMDLs are available for public inspection at this address as well. Documents from the administrative record file may be viewed at <http://www.epa.gov/region6/water/artmdl.htm>, or obtained by calling or writing Ms. Caldwell at the above address. Please contact Ms. Caldwell to schedule an inspection.

USFWS FINAL RULE AND NOTICE OF RECORD OF DECISION

Migratory Bird Permits; Regulations for Double-Crested Cormorant Management. Increasing populations of the double-crested cormorant have caused biological and socioeconomic resource conflicts. In November 2001, the U.S. Fish and Wildlife Service (Service or we) completed a Draft Environmental Impact Statement (DEIS) on double-crested cormorant management. In March 2003, a proposed rule was published to establish regulations to implement the DEIS proposed action, Alternative D. In August 2003, the notice of availability for a Final Environmental Impact Statement (FEIS) was published, followed by a 30-day comment period. This final rule sets forth regulations for implementing the FEIS preferred alternative, Alternative D (establishment of a public resource depredation order and revision of the aquaculture depredation order). It also provides responses to comments we received during the 60-day public comment period on the proposed rule. The Record of Decision (ROD) is also published here. This final rule will go into effect on November 7, 2003. Comments can be mailed to the Division of Migratory Bird Management, U.S. Fish and Wildlife Service, 4401 North Fairfax Drive, MBSP-4107, Arlington, Virginia 22203; or emailed to cormorants@fws.gov; or faxed to 703/358-2272. For additional information,

please contact Brian Millsap, Chief, Division of Migratory Bird Management, U.S. Fish and Wildlife Service (address given above).

USFWS NOTICE OF AVAILABILITY

Notice of Availability of Draft Comprehensive Conservation Plan and Environmental Assessment for Muleshoe National Wildlife Refuge, Muleshoe, TX and Grulla National Wildlife Refuge, Arch, NM. The U.S. Fish and Wildlife Service (Service) announces that a Draft Comprehensive Conservation Plan (CCP) and Environmental Analysis (EA) for the Muleshoe and Grulla National Wildlife Refuges are available for review and comment. This CCP/EA, prepared pursuant to the National Wildlife Refuge System Administration Act of 1966, as amended by the National Wildlife Refuge System Improvement Act of 1997, and the National Environmental Policy Act of 1969, describes how the Service intends to manage these refuges over the next 15 years. Written comments must be received on or before November 24, 2003. Please send comments to Carol Torrez, Biologist/Natural Resource Planner, U.S. Fish and Wildlife Service, P.O. Box 1306, Albuquerque, New Mexico, 87103-1306, Telephone: (505) 248-6821, Fax: (505) 248-6874. Comments may also be sent via electronic mail to carol_torrez@fws.gov. The draft CCP/EA is available on compact diskette or hard copy, and may be obtained by writing, telephoning, faxing, or e-mailing Carol Torrez at the above listed address. For additional information please contact Carol Torrez, Biologist/Natural Resource Planner, 505-248-6821 or Harold Beierman, Refuge Manager, 806-946-3341.

U.S.FOREST SERVICE, NOTICE OF INTENT TO RESCIND

Southwestern Region, Arizona, New Mexico, West Texas, and West Oklahoma Amendment of Land and Resource Management Plans in the Southwestern Region. On August 7, 2001, a Notice of Intent (NOI) to prepare an environmental impact statement to amend National Forest land and resource management plans in the Southwestern Region to modify standards and guidelines for Mexican spotted owl and northern goshawk within wildland-urban interface areas and to emphasize the management of wildland-urban interface areas throughout the southwest was published in the Federal Register (66 FR 41198-41200). **This 2001 NOI is hereby rescinded.** For further information, please contact Peter Gaulke, Regional Environmental Coordinator, USDA Forest Service Southwestern Regional Office, 333 Broadway Blvd., SE. Albuquerque, NM 87102-3498, telephone (505) 842-3256.

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REGION 6 STATE ACTIVITY

| Regulatory & Legislative Web Sites | |
|--|---|
| Arkansas Department of Environmental Quality (ADEQ) | http://www.adeq.state.ar.us |
| Arkansas General Assembly | http://www.arkleg.state.ar.us/ |
| Louisiana Department of Environmental Quality (LDEQ) | http://www.deq.state.la.us |
| Louisiana Legislature | http://www.legis.state.la.us/ |
| New Mexico Environment Department (NMED) | http://www.nmenv.state.nm.us/ |
| New Mexico Legislature | http://legis.state.nm.us/ |
| Oklahoma Department of Environmental Quality (ODEQ) | http://www.deq.state.ok.us |
| Oklahoma Legislature | http://www.lsb.state.ok.us/ |
| Texas Commission on Environmental Quality (TCEQ) | http://www.tnrcc.state.tx.us |
| Texas Legislature | http://www.capitol.state.tx.us/ |

ARKANSAS

Legislative/Regulatory Activity

There is no State of Arkansas regulatory activity to report this month.

NOTE: Please see the EPA action related to Arkansas under **FEDERAL ACTIONS**.

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STATE OF LOUISIANA FINAL RULES

(UPDATE) **LA Department of Environmental Quality final rule published 09/20/03: Amendment of the radiation protection regulations (LAC 33:XV.XV.212, 320, 545, 590, 2504, and 2506).** LDEQ adopted a rule that adds notification requirements regarding modification of any license information, clarifies that a quarterly physical inventory is required on sealed sources and registered devices that are received or possessed under the license or registration, adds the use of collimators on x-ray devices, corrects the title of LAC 33:XV.212, clarifies the need to file a renewal application with payment of fees, and clarifies that the fee will also allow reciprocal recognition of a registration. The amendments clarify requirements that are necessary to ensure the health and safety of the persons conducting work with radiation equipment and make the regulations consistent with media program needs. The rule was approved and the rule became effective 20 September 2003. *For further information, please contact Lynn Willbanks at (225) 765-0399.*

(UPDATE) **LA Department of Environmental Quality final rule published 09/20/03: Waste tire reporting requirements (LAC 33:VII.10519).** LDEQ has adopted a rule that (1) cleans up and clarifies existing language, including identification of classes of dealers affected by the rule; (2) requires the exclusive use of Form WT02; and (3) clarifies the requirement for submittal of Form WT02 on or before the twentieth of every month, regardless of whether or not any fees have been collected. Review of the existing regulatory language revealed a possible lack of clarity regarding reporting requirements. The basis and rationale for this rule are to clarify the existing waste tire fee reporting requirements. The rule was approved and the rule became effective 20 September 2003. *For further information, please contact Lynn Willbanks at (225) 765-0399.*

(UPDATE) **LA Department of Environmental Quality final TMDL published 09/20/03: Minerals Criteria Revision for Vermilion River, Bayou Teche, Bayou Courtableau, and West Atchafalaya Borrow Pit Canal (33 LAC IX.1123).** LDEQ has adopted set site-specific chlorides (Cl), sulfates (SO₄), and total dissolved solids (TDS) criteria for Bayou Courtableau, West Atchafalaya Borrow Pit Canal, Bayou Teche, and the Vermilion River. Respectively, these are subsegments 060204, 060211, 060301, and two subsegments for the Vermilion River, 060801 and 060802. Designated uses will remain as listed in LAC 33:IX.1123.Table 3. This action is required to establish proper and protective minerals criteria for subsegments 060204, 060211, 060301, 060801, and 060802. A site-specific criteria analysis was conducted in accordance with state and federal water quality regulations, policies, and guidance to develop appropriate site-specific criteria for these water bodies. Specifically, these water bodies are largely affected by fresh water diversions from the Atchafalaya River. This rule recognizes the influence of the diverted water. The rule was approved and the rule became effective 20 September 2003. The rule can be viewed at <http://www.deq.state.la.us/planning/regs/pdf/WQ048fin.pdf>. *For further information, please contact Lynn Willbanks at (225) 765-0399.*

(UPDATE) **LA Department of Environmental Quality final rule published 09/20/03: Site-Specific Criteria Adjustment for Bayou Chinchuba and Tchefuncte River Wetlands (33 LAC IX.1123).** LDEQ has adopted a rule to set site-specific criteria for wetlands in the Bayou Chinchuba and Tchefuncte River watersheds. The included wetlands will receive secondarily treated effluent from the City of Mandeville. This rule will result in the creation of two new subsegments: 040805 (Chinchuba Swamp Wetland) and 040806 (East Tchefuncte Marsh Wetland). Tree, shrub, and/or marsh grass productivity are determined to be the appropriate criteria. Designated uses are secondary contact recreation and fish and wildlife propagation. General and numerical criteria not specifically excepted in LAC 33:IX.1123.Table 3 shall apply. This action is required to establish protective site-specific criteria and designated uses for the affected Bayou Chinchuba and Tchefuncte River wetlands (subsegments 040805 and 040806) in Louisiana's water quality standards. A Use Attainability Analysis (UAA) was conducted in accordance with state and federal water quality regulations, policies, and guidance to develop site-specific criteria and designated uses for the wetland. The rule can be viewed at <http://www.deq.state.la.us/planning/regs/pdf/WQ049fin.pdf>. *For further information, please contact Lynn Willbanks at (225) 765-0399.*

STATE OF LOUISIANA PROPOSED RULES

(NEW) **LA Department of Environmental Quality proposed regulation: Requirements for Cooling Water Intake Structures for New Facilities (33 LAC IX.2522, 2523, and 2524).** LDEQ has proposed to amend the Water Quality regulations, LAC 33:IX.2522, 2523, and 2524 by adopting federal regulations found in 40 CFR 125.83; 125.84(b)(4)(ii)-(iii), (b)(5)(ii), (c)(3)(ii)-(iii), and (d)(1); and 125.85(a)(2)-(3) concerning cooling water intake structures for new facilities. The amendments delete the definition of Minimum Ambient Source Water Surface Elevation and establish additional requirements for addressing impacts on species passing through the hydraulic zone of influence of cooling water intake structures, specifically reporting to fishery management agencies. The amendments are necessary to conform to federal regulations. The proposed rule can be viewed at <http://www.deq.state.la.us/planning/regs/pdf/WQ051pro.pdf>. The Department will hold a hearing on 10/27/03 and comments are due on 10/27/03. *For further information, please contact Lynn Willbanks at (225) 765-0399.*

OTHER REGULATORY ACTIVITY

(NEW) **LA Department of Environmental Quality's (LDEQ's) Risk Evaluation/Corrective Action Program (RECAP) finalized on October 20, 2003.** The Louisiana Legislature mandated in La. R.S. 30:2272 (Act 1092 of the 1995 Regular Session) that LDEQ develop Minimum Remediation Standards. The RECAP regulation is the Department's response to that mandate and establishes the Department's minimum remediation standards for present and past-uncontrolled constituent releases. RECAP's tiered approach to risk evaluation and corrective action establishes across the board numerical standards for most media and also allows for the development of more site-specific numerical standards when warranted. The RECAP regulation was initially promulgated on December 20, 1998 and revised through rulemaking in June 2000. This is the third revision of RECAP. This regulation will be revised on an as-needed basis to incorporate changes in the science of risk evaluation and revisions to toxicological data. Additional regulations regarding issues such as scope and applicability of the RECAP regulation may be found in LAC 33:I. Chapter 13. The LDEQ has established an Internet site as a forum to facilitate the implementation of the RECAP regulation. Detailed information regarding RECAP can be found at <http://www.deq.state.la.us/technology/recap/index.htm>. *General questions regarding the RECAP regulation should be directed to Steve Chustz at (225) 765-0585 or by e-mail at steve.chustz@la.gov.*

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NEW MEXICO

Legislative/Regulatory Activity

STATE OF NEW MEXICO PROPOSED RULES

(UPDATE) **NM Department of Environment proposed regulation published 02/21/03: Triennial Review of Water Quality Standards (20.6.4).** The Department is proposing amending water quality standards to protect designated uses of irrigation, livestock watering and wildlife habitat as required by the Clean Water Act. The standards for sulfate and chloride, among others, are now part of the Triennial Review. The amendments were scheduled to be discussed at a meeting on 09/30/02, but the petition to amend the standards was withdrawn 9/06/02 because of substantial confusion regarding the purpose and effect of the proposed criteria. These standards have been added to the Triennial Review. Hearings were scheduled in Roswell on 3/24/03, Las Cruces on 03/25/03, Santa Fe on 3/26/03, and Farmington on 03/27/03. The comment deadline was 05/30/03. The deadline for all parties to file petitions was 10/15/03. The Commission will hold a public hearing on 12/02/03. The post-hearing process will include an opportunity for parties to submit proposed findings and conclusions and written legal argument. The Commission is expected to take up the matter for decision at its regular meeting in either April or May 2004. A draft of the review may be found online at http://www.nmenv.state.nm.us/NMED_regs/swqb/DRAFT/20_6_4_NMAC-Draft_02-21-2003.pdf. *For additional information, please contact: John Montgomery (505) 476-3671.*

OTHER REGULATORY ACTIVITY

(NEW) **NM Environmental Improvement Board Meeting.** The November meeting of the NM Environmental Improvement Board will be held on **17 and 18 November 2003** in **Santa Fe, New Mexico**. This meeting will consider the following:

- Adoption of a Regional Haze State Implementation Plan;
- Adoption of regulations on Smoke Management (20.2.65 NMAC);

- Adoption of regulations on the Western Backstop Sulfur Dioxide Trading Program (20.2.81 NMAC);
- Revisions to regulations on Notice of Intent and Emission Inventory (20.2.73 NMAC); and
- Revisions to regulations on Open Burning (20.2.60 NMAC).

The meeting will also include public comments. *All questions regarding the board should be directed to: Geraldine Madrid-Chavez, Board Administrator, (505) 827-2425, geraldine_chavez@nmenv.state.nm.us.*

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OKLAHOMA

Legislative/Regulatory Activity

There is no State of Oklahoma regulatory activity to report this month.

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TEXAS

Legislative/Regulatory Activity

STATE OF TEXAS PROPOSED RULE

(NEW) TX Commission on Environmental Quality proposed regulation published 09/19/03: Repealing Chapter 449, 450, 451 regarding low-level radiation waste (30 TAC 449,450, 451). The Commission has proposed repealing chapters 449 (General Provisions), 450(Planning and Implementation Fees), and 451(Disposal Site Management and Operation) concerning low-level radiation waste disposal. These chapters have been superceded by statute and new Commission regulations (see TCEQ Rule log number 2003-037-336-WS, and report number TX0010808). The proposal is available online at http://www.tnrc.state.tx.us/oprd/rule_lib/proposals/03015449_pro.pdf. For further information, please contact Michael Bame (512) 239-5658.

(NEW) TX Commission on Environmental Quality proposed regulation: MSW facilities Site Operating Plans (30 TAC 330). The Commission has proposed a rulemaking on the need for changes related to site operating plans for Municipal Solid Waste (MSW) facilities is being evaluated for amendments to 30 TAC Chapter 330. After recent court decisions that certain site operating plans were not sufficiently detailed to meet the regulatory requirement to describe the daily operating procedures over the life of the permit, the Commission will conduct a rule evaluation to consider the proper balance between the need for specificity in the plans and flexibility for facilities to modify their procedures over the life of a permit, which can be in effect for decades. The Commission held a meeting on 09/24/03 to discuss the proposal, and approved it for publication in the 10/10/03 Texas Register. Comments on the proposal will be accepted until 11/10/03. The proposal is available online at http://www.tnrc.state.tx.us/oprd/rule_lib/proposals/03040330_pro.pdf. For further information, please contact Joseph Thomas (512) 239-4580.

(UPDATE) TX Commission on Environmental Quality proposed regulation published 09/26/03: Deletion of consumer products volatile organic compound (VOC) limits (30 TAC 115). The Commission is proposing to delete consumer products volatile organic compound (VOC) limits which are duplicated by a federal consumer products rule, and will update and correct a variety of references. The only consumer product category that will remain in the Texas consumer product rules is windshield washer fluid. The Commission adopted the proposal on 09/10/03. A public meeting has been scheduled for 10/20/03 and comments are due 10/27/03. The proposal is available online at <http://www.sos.state.tx.us/texreg/sos/PROPOSED/30.ENVIRONMENTAL%20QUALITY.html# 305>. For further information, please contact Emily Barrett (512) 239-3546.

(Update) TX Commission on Environmental Quality proposed regulation published 10/10/03: Specification of Location Requirement/Compliance Demonstration Criteria for Portable Facilities (30 TAC 116). The Commission has proposed new regulations, which provide criteria for determining compliance of portable facilities with distance limitations for the review and approval of permit applications. It affects owners and operators of portable facilities such as concrete crushers, concrete batch plants, and hot mix asphalt plants. The regulations define how distance measurements should be taken and when they would be applicable in relation to certain air permit actions subject to public notice and hearing procedures; allow for the storage of an inoperative

concrete crusher within 440 yards of a residence, school, or place of worship; clearly define how distance measurements should be taken and when distance limitations are applicable for concrete crushing facilities; and excuse concrete crushers from distance requirements when recycling broken concrete at temporary demolition sites unless the facility is located in a county with a population of 2.4 million or more or in a county adjacent to such a county. The Department approved the proposal on 09/24/03 comments are due 10/29/03. A hearing will also be held 10/29/03. The proposal is available online at http://www.tnrc.state.tx.us/oprd/rule_lib/plsummaries/03046116_pls.pdf. For additional information, please contact: Clifton Wise (512) 239-2263.

OTHER REGULATORY ACTIVITY

(NEW) TX Commission on Environmental Quality departmental discussion: Source-Separated Recycling Program Permit Exemptions (30 TAC 330). The Commission is preparing a rulemaking to add a permit exemption for owner/operators that operate a municipal solid waste Type V transfer stations that also operate source-separated recycling programs in order to increase recycling participation and divert waste stream materials from disposal to recycling, thereby conserving disposal capacity. A Commission meeting to discuss the proposal will be held on 10/08/03. A draft proposal is available online at http://www.tnrc.state.tx.us/oprd/rule_lib/proposals/03028330_pro.pdf. For further information, please contact Debi Dyer (512) 239-3972.

STATE OF TEXAS PROPOSED LEGISLATION

(NEW) TEXAS H.B. 17C – Permitting, Environmental Administrative Procedures. Directs that an evaluation of the Texas Commission on Environmental Quality's permitting processes. Requires that the assessment ensures that (1) all relevant environmental protection standards are maintained at a level that at least equals the current level; (2) the Commission's permitting processes are streamlined; (3) the commission's permitting processes are user-friendly to citizens and promote sound economic development; and (4) all stakeholder concerns are considered. Creates a study committee to complete the assessment. Prospects for passage during this third special session are favorable. The sponsor is the Chair of the committee of referral. Governor Rick Perry (R) has added government reform to the call of the special session. Legislative sources indicate that once the redistricting debate is over, the Legislature will address the other issues on the Governor's call list. Sponsor: **Representative David Swinford (R)**. This proposed bill can be viewed at <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=78&SESS=3&CHAMBER=H&BILLTYPE=B&BILLSUFFIX=00017&VERSION=1&TYPE=B>

(NEW) TEXAS H.B. 37C – Emissions, Environmental Procedures. Current version (September 23) amends HB 1365 of the 78th Regular Session to add nonattainment counties to the list of counties eligible to give preference to a vendor that uses heavy-duty trucks and equipment that meet or exceed existing state or federal environmental standards. Provides that the duties of the Texas Council on Environmental Technology are transferred to the Texas Commission on Environmental Quality. Introduced, referred to House Environmental Regulation Committee, and substituted and reported from Committee September 15, 2003. Passed House September 16; referred to Senate Finance Committee September 17; reported from Committee September 22. Amended September 23; passed Senate September 24. Prospects for House concurrence in Senate amendments are favorable. Committee sources indicate that this bill clarifies language written in HB 1365 of the 78th Regular Session. Committee sources indicate that some thought the original language could be interpreted to apply only to near non-attainment counties and to exclude the non-attainment counties. This is the third special session this year that Governor Rick Perry (R) has called to deal with redistricting. The session began on September 15 and can last up to thirty days. Sponsor: **Representative Wayne Smith (R)**. This proposed can be reviewed at <http://www.capitol.state.tx.us/cgi-bin/tlo/textframe.cmd?LEG=78&SESS=3&CHAMBER=H&BILLTYPE=B&BILLSUFFIX=00037&VERSION=4&TYPE=B> ~<http://www.capitol.state.tx.us/data/docmodel/783/amndtext/pdf/HB0003722F1.PDF>

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REGION 7 STATE ACTIVITY

| Regulatory & Legislative Web Sites | |
|---|---|
| Iowa Department of Natural Resources (IDNR) | http://www.state.ia.us/dnr/ |
| Iowa General Assembly | http://www.legis.state.ia.us/ |
| Kansas Department of Health and Environment (KDHE) | http://www.kdhe.state.ks.us |
| Kansas Legislature | http://www.kslegislature.org/cgi-bin/index.cgi |
| Missouri Department of Natural Resources (MDNR) | http://www.dnr.state.mo.us/homednr.htm |
| Missouri General Assembly | http://www.moga.state.mo.us/ |
| Nebraska Department of Environmental Quality (NDEQ) | http://www.deq.state.ne.us |
| Nebraska Legislature | http://www.unicam.state.ne.us/ |

IOWA

Legislative/Regulatory Activity

STATE OF IOWA PROPOSED RULE

(UPDATE) **IA Department of Natural Resources proposed regulation: Amendments to lead and copper rule, arsenic rule, filter backwash rule, rule for surface water treatment for small systems, provisions for radionuclides, and the public notification rule (567 IAC Chapters 41, 42, 43, 44, 81 & 83).** The Department has proposed amendments to adopt the following federal rules packaged: (1) the lead and copper rule; (2) the provisions for radionuclides; and (3) the public notification rule. The Department is now also including in this package, amendments to: (1) the arsenic rule; (2) the filter backwash rule; and (3) the Long Term 1 (LT1--known as the surface water treatment rule for small systems); and (4) the analytical methods rules. The amendments to the lead and copper rule will be minor revisions to clarify water quality monitoring. The amendments for radionuclides are a result of the USEPA's November 2000 analysis of radionuclides, which changed who has to monitor for radionuclides, the frequency of the monitoring and the methodology. The amendments will also add uranium as a new component. The amendments to the public notification rule will address who must be notified, when and what language must be used when a Safe Drinking Act violation occurs. The Department adopted the lead and copper rule in 1992. The provisions for radionuclides were adopted in 1976, and amendments were proposed in 1991; however, those amendments were not adopted. The Department is proposing amendments to the public notification rule in order to make the rule more consistent with the Consumer Confidence Report rule. The Department will propose all of these amendments in one rulemaking. The draft rule was discussed at the Environmental Protection Commission meeting 07/21/03. The rule was discussed again at the 08/18/03 EPC meeting. The proposed rules were issued 09/17/03. Six public hearings were held 10/07/03 (Atlantic), 10/08/03 (Manchester), 10/10/03 (Washington), 10/13/03 (Mason City), 10/14/03 - 10/15/03 (Des Moines). Comments were due 10/17/03. *For further information, please contact Diane Moles (515) 725-0281.*

(UPDATE) **IA Department of Natural Resources proposed regulation: Amendment to Chapter 61, Water Quality Standards (Chapter 61).** The Department is proposing an amendment to the water quality standards. The proposed changes include the following: (1) numerical water quality criteria for chloride for the protection of aquatic life and general uses are being established; (2) the current total dissolved solids (TDS) numerical criterion of 750 mg/l is being replaced with a site-specific approach for establishing discharge limits for dissolved solids; (3) the current B(LW) Lakes and Wetlands use designation will be replaced with separate designations for each of the two types of water bodies – lakes and wetlands; (4) several lakes and wetlands will be added to the rule–referenced document “Surface Water Classification”; (5) all the waterbodies currently designated as Class B(WW) warmwater and Class B(CW) coldwater and those being re-designated as Class B(L) lakes in the rule–referenced document “Surface Water Classification” will be designated as Class A2 secondary contact recreational waters; (6) several streams will be added as Class B(LR) streams, two Class B(WW) streams will be re-designated as B(LR) streams, and corrections to stream locations will be made in the rule–referenced document “Surface Water Classification”; (7) the rule–referenced document “Protected Flows for Selected Stream Segments” will be amended to add several streams and correct the locations and protected flows of several other streams for consistency with the document “Surface Water Classification”. The Environmental Protection Commission (EPC) discussed the rulemaking at their meeting 07/21/03. The rulemaking was discussed again at the 08/18/03 meeting. Written comments were due 10/31/03. Public hearings held 10/07/03 (Atlantic), 10/09/03 (Decorah), 10/10/03 (Clear Lake), 10/13/03 (Cherokee),

10/15/03 (Iowa City), and 10/17/03 (Des Moines). For further information, please contact Jack Riessen (515) 281-5029.

(UPDATE) IA Department of Natural Resources proposed regulation: Exemption for small emissions units (Chapter 22.1(2)w). The Department has proposed an amendment to Chapter 22 to add a new exemption for small emission units. Paragraph 22.1(2) "w" would provide an exemption for small units. Small units are defined as emission units and associated control equipment that emit less than 40 pounds per year of lead and lead compounds expressed as lead, 5 tons per year of sulfur dioxide, 5 tons per year of nitrogen oxides, 5 tons per year of VOCs, 5 tons per year of carbon monoxide, 5 tons per year of particulate matter, and 2.5 tons per year of PM10. The exemption would apply to both new and/or modified units. The rule was discussed at the 08/18/03 Environmental Protection Commission (EPC) meeting. A public hearing was held 10/07/03. Comments were due 10/17/03. The rule was discussed at the Administrative Rules Review Committee (ARRC) meeting on 10/13/03. The rule can be viewed at <http://www.iowadnr.com/epc/03jun16/9.pdf>. For further information, please contact Wayne Gieselman (515) 281-5817

OTHER REGULATORY ACTIVITY

(NEW) IA Department of Natural Resources Notice of Intended Action to Amend Chapters 20 “Scope of Title, Definition, Forms of Practice” and Chapter 22, “Controlling Pollution”. Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission hereby gives Notice of Intended Action to amend Chapters 20 and 22 of the Iowa Administrative Code. The purpose of this rulemaking is to establish definitions and modify other definitions dealing with the Iowa Prevention of Significant Deterioration (PSD) air emissions permitting program. The department is proposing to apply these definitions to all air program activities in order to minimize differences between various air emissions permitting programs. It should be noted that the facility retains the obligation to determine what air permitting requirements still apply to those sources and if those obligations exist then the facility must meet those requirements. The department will seek an amendment to the Delegation Amendment with USEPA to include both of these exemptions in the State Implementation Plan. Any person may make written suggestions or comments on the proposed amendments on or before 9 January 2004. Written comments should be directed to George Welch, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Road, Urbandale, IA 50322, fax (515) 242-5094 or by electronic mail to: george.welch@dnr.state.ia.us. A public hearing will be held at the Air quality Bureau offices, 7900 Hickman Road, Urbandale, Iowa on 8 January 2004, in Conference Room 1, at 1:00 p.m. at which time comments may be submitted orally or in written form. All comments must be received no later than 9 January 2004. For additional information or for those who have special requirements such as hearing or mobility impairments, please contact George Welch at (515) 281-8913.

(NEW) IA Department of Natural Resources Notice of Intended Action to Amend Chapter 64 “Wastewater Construction and Operation Permits” and Chapter 69 “On-Site Wastewater Treatment and Disposal Systems”. The Environmental Protection Commission gives Notice of Intent to amend Chapters 64 and 69 of the Iowa Administrative Code. The amendments will reauthorize NPDES General Permit No. 4 for an additional five (5) years. General Permit No. 4 authorizes discharges from private on-site wastewater systems. In addition to renewing the General permit, other changes relevant to this permit are summarized below:

- Definitions are being added to Chapter 69 for “Carbonaceous Biochemical Oxygen Demand (CBOD5), “Class ‘A2’ Water”, “Class ‘A3’ Water”, “Class ‘A3” Water”, “Class ‘C’ Water and “Qualified Sampler”.
- A “qualified sampler” must conduct effluent sampling for on-site systems effective 1 January 2005. Anyone including homeowners and maintenance contractors may become qualified samplers upon completion of DNR-approved training.
- The effluent sampling frequency for free access sand filters is being increased from once a year to twice a year at six (6) month intervals.
- The frequency for monitoring effluent for fecal coliform bacteria is being replaced with an effluent standard and monitoring requirement for E. coli for systems that discharge to or within one (1) mile upgradient from a Class A1, A2, A3 or C water

Copies of the relevant rules may be obtained from Brent Parker or may be viewed at the following web site: <http://www.legis.state.ia.us/Rules/2002/iac/gnac/gna1.pdf>.

(UPDATE) IA Department of Natural Resources departmental discussions: Management and disposal of solid wastes (567 IAC 100). As part of Executive Order No. 8, the Department is revising and

updating their regulations on the management and disposal of solid wastes. A new chapter will also be added for farm waste disposal. The Department hopes to have a draft ready by January 2004. *For further information, please contact Jeff Myrom (515) 281-3302.*

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KANSAS

Legislative/Regulatory Activity

STATE OF KANSAS FINAL RULE

(UPDATE) **KS Department of Health and Environment final regulation: Revisions to Kansas Surface Water Quality Standards (K.A.R. 28-16-28b; 28-16-28e).** The Department adopted revisions to the Kansas Surface Water Quality Standards, K.A.R. 28-16-28b and 28-16-28e. The rules set risk-based numeric criteria for recreational water uses. The Department held a public hearing 08/28/03. The rules were finalized and became effective 10/24/03. *For further information, please contact Bret Holman (785) 296-5508.*

STATE OF KANSAS PROPOSED RULE

(NEW) **KS Department of Health and Environment proposed rule: Amendment of surface water quality standards (K.A.R. 28-16-28d).** The Department is proposing a regulation to amend the surface water quality standards. Between 04/01/02 - 10/31/02, 312 streams and 107 lakes were evaluated using the use attainability analyses (UAA's). Seventy-one additional UAA's are being included from 2001. This amendment seeks to remove 14 streams segments, designate 247 as secondary contact recreation and designate 122 as primary contact recreation. Six lakes are proposed to be removed from classification, four lakes are proposed as secondary contact recreation and 97 lakes are proposed as primary contact recreation. The Department is holding a hearing 12/02/03. Comments are due at that time. *For further information, please contact Craig Thompson (601) 960-7723.*

(UPDATE) **KS Department of Agriculture final regulation: Water Appropriation Act and Chemigation Safety Law (K.A.R. 5-1, 3, 5, 6, 7, 9, 14, 20).** The Department has adopted a rulemaking to amend the regulations on water appropriation. The rule amends the regulations as they relate to water flowmeters, application fees, stratigraphic logs, and check valves. The rule also amends the chemigation regulations as they relate to waterline check valves. A public hearing was held 09/16/03. Comments were due 09/16/03. The regulation was finalized and became effective 10/24/03. The rule can be viewed at <http://www.accesskansas.org/kda/ProposedRegs/WtrApprop&ChemigSafety/safety.htm>. *For additional information, please contact Leslie Garner 785-296-4623.*

(UPDATE) **KS Department of Health and Environment draft regulation: Solid waste rules amendments of requirements for groundwater in relation to municipal waste landfills (KSA 65-3406).** The Department has prepared draft amendments to its solid waste rules. The amendments cover groundwater requirements in relation to municipal waste landfills, permit fees and vertical expansion. The amendments will also streamline laboratory requirements, address sampling and statistical analysis, and update the current requirements. Staff report that this rule is still in the draft phase. Staff report that the regulation has been sent for review by the Department of Administration and the Attorney General. *For further information, please contact George McCaskill (785) 296-1606.*

(UPDATE) **KS Department of Health and the Environment draft TMDL: Chloride TMDL for Lower Arkansas Basin (Lower Arkansas Basin).** The Department has developed chloride TMDLs for the Lower Arkansas Basin. The water bodies which will receive TMDLs include: segments of the Arkansas River, Turkey Creek, Cow Creek, and the Upper Little Arkansas River. A draft TMDL for chloride along the Arkansas River from Hutchinson to Maize is now complete. Public hearings have yet to be scheduled. Five additional TMDLs will be developed including: (1) Arkansas River reaches from Maize to Derby (S of Wichita); (2) Arkansas River from Derby to the Oklahoma state line; (3) Cow Creek above Hutchinson; (4) Turkey Creek; and (5) the Little Arkansas River north of Wichita. The draft TMDL can be reviewed online at http://www.kdhe.state.ks.us/tmdl/la/hutch_cl.pdf. *For further information, please contact Tom Stiles (785) 296-6170.*

OTHER REGULATORY ACTIVITY

(NEW) KS Department of Health and the Environment Notice of Hearing on Proposed Administrative Regulations (K.A.R. 28-16-28d).

The Kansas Department of Health and Environment will conduct two public hearings to consider the proposed revisions to the Kansas Surface Water Quality Standards, K.A.R. 26-16-28d, including revisions to the Kansas Surface Register. The first hearing will be at 7:00 p.m. Monday 1 December 2003 at the Great Plains Nature, 6232 E. 29th St. North, Wichita. A second hearing will be at 7:00 p.m. Tuesday 2 December 2003 in the Memorial Hall auditorium, 120 S.W. 10th Ave., Topeka. The proposed changes include removing 14 streams 247 streams are proposed as secondary contact recreation and 122 are proposed as primary contact recreation. Six lakes are proposed to be removed from classification, four are proposed as secondary contact recreation and 97 lakes are proposed as primary contact and food procurement. *Copies of the proposed amendments and other information can be obtained by calling Ricquelle Landis at (785) 296-6603.*

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MISSOURI

Legislative/Regulatory Activity

STATE OF MISSOURI ADOPTION OF RULE AMENDMENTS

(NEW) MO Department of Natural Resources Rule Adoption Effective 30 November 2003 (10 CSR 60). The following amendments to 10 CSR 60, Public Drinking Water Program, have been adopted and become effective 20 November 2003:

- 10 CSR 60-2.015 Definitions – Adopts USEPA rules on arsenic.
- 10 CSR 60-4.020 Maximum Microbiological Contaminant Levels and Monitoring
- 10 CSR 60-4.030 Adopts USEPA rules re: "Arsenic and Clarifications to Compliance and New Source Compliance Monitoring".
- 10 CSR 60-4.040 Amends "Maximum Synthetic Organic Chemical Contaminant Levels and Monitoring Requirement".
- 10 CSR 60-4.050 Amends "Maximum Turbidity Levels and Monitoring Requirements and Filter Backwash Recycling".
- 10 CSR 60-4.055 Amends "Disinfections Requirement".
- 10 CSR 60-4.070 Amends "Secondary Contaminant Levels and Monitoring Requirements".
- 10 CSR 60-4.090 Amends typographical error (3)(B)1.C in "Maximum Contaminant Levels and Monitoring Requirements for Disinfections Byproducts, THHMs and HAA5".
- 10 CSR 60-4.100 Amends "Maximum Volatile Organic Contaminant Levels and Monitoring requirements".
- 10 CSR 60-7.010 Amends "Reporting Requirement".
- 10 CSR 60-8.010 Rescinds "Public Notification of Conditions Affecting Public Water Supply".
- 10 CSR 60-8.030 Notification of "Change in Arsenic MCL in Appendix A".
- 10 CSR 60-9.010 Amends "Requirements for Maintaining Public Water System Records".

Specific details regarding these changes and amendments can be found on the following web page:

<http://www.sos.mo.gov/adrules/moreg/current/2003/v28n20/v28n20c.pdf>.

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NEBRASKA

Legislative/Regulatory Activity

There is no State of Nebraska regulatory activity to report this month.

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Acronyms and Abbreviations

ACSIM = Assistant Chief of Staff for Installation Management
ADEQ = Arkansas Department of Environmental Quality
AEDB = Army Environmental Database
AFCEE = U.S. Air Force Center for Environmental Excellence
AFIT = Air Force Institute of Technology
ANPRM = Advance Notice of Proposed Rulemaking
ANSI = American National Standards Institute
APA = American Planning Association
AQCR = Air Quality Control Region
AQI = Air Quality Index
AST = aboveground storage tank
ASTM = American Society for Testing and Materials
ASTSWMO = Association of State and Territorial Solid Waste Management Officials
ATV = all-terrain vehicle
AWMA = Air & Waste Management Association
BAT = best available technology
BRAC = Base Realignment and Closure
CAA = Clean Air Act
CADD = computer-aided design and drafting
CAM = compliance assurance monitoring
CAMU = corrective action management unit
CARB = California Air Resources Board
CBT = computer-based training
CCAR = Coordinating Committee for Automotive Repair
CCP = Comprehensive Conservation Plan
C&D = construction and demolition
CECOS = Civil Engineer Corps Officers
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act
CESQG = conditionally exempt small-quantity generator
CFC = chlorofluorocarbon
CFR = Code of Federal Regulations
CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine
CINWL = commercial industrial nonhazardous waste landfill
CISWI = commercial and industrial solid waste incinerator
CO = carbon monoxide
CREO = Central Regional Environmental Office
CSR = Code of State Regulations
CTIC = Conservation Technology Information Center
CTT = closing, transferring and transferred ranges
CWA = Clean Water Act
DAC = Defense Ammunition Center
DBP = disinfection byproduct
DBPR = Disinfectants and Disinfection Byproducts Rule
DEI = Directorate of Environmental Integration
DENIX = Defense Environmental Network & Information eXchange
DERP = Defense Environmental Restoration Program
DFW = Dallas/Fort Worth
DNT = dinitrotoluene
DoD = U.S. Department of Defense
DOE = U.S. Department of Energy
DOI = U.S. Department of Interior
DOT = U.S. Department of Transportation
DRMS = Defense Reutilization and Marketing Service
DSMOA = Defense/State Memorandum of Agreement
EA = environmental assessment
ECAS = Environmental Compliance Assessment System
ECHO = Enforcement and Compliance History Online
ECOS = Environmental Council of the States

ECSR = Environmental Compliance Status Report
 EIS = environmental impact statement
 EMR = environmental management review
 EMS = environmental management system
 EO = executive order
 EPA = U.S. Environmental Protection Agency
 EPAS = Environmental Performance Assessment System
 EPCRA = Emergency Planning and Community Right-to-Know Act
 ER = environmental restoration
 ERC = Emission Reduction Credit
 ERTTP = Environmental Response Training Program
 ETMD = Environmental Training and Management Division
 EVR = Enhanced Vapor Recovery
 FEIS = Final Environmental Impact Statement
 FIFRA = Federal Insecticide, Fungicide and Rodenticide Act
 FFEO = Federal Facilities Enforcement Office
 FM = facilities management
 FR = Federal Register
 FS = Feasibility Study
 FUDS = Formerly Used Defense Sites
 FY = fiscal year
 GAO = General Accounting Office
 GCP = general construction permit
 GIS = geographic information system
 gpd = gallons per day
 GSA = General Services Administration
 HAP = hazardous air pollutant
 HAZMAT = hazardous materials
 HAZWOPER = Hazardous Waste Operations and Emergency Response
 HB = House Bill
 HGA = Houston/Galveston Area
 HJR = House Joint Resolution
 HM = hazardous material
 HMIRS = Hazardous Materials Information Resource System
 HMIWI = hospital/medical/infectious waste incinerator
 HMX = high melting point explosive
 HQ = headquarters
 HSB = House Study Bill
 HTRW = hazardous/toxic and radioactive waste
 IAC = Iowa Administrative Code
 IDNR = Iowa Department of Natural Resources
 IESWTR = Interim Enhanced Surface Water Treatment Rule
 I&M = inspection and maintenance
 IMI = Installation Management Institute
 INSTEP = International Society of Technical and Environmental Professionals
 ISEERB = Interservice Environmental Education Review Board
 ISO = International Organization for Standardization
 ISR = Installation Status Report
 ITAM = Integrated Training Area Management
 ITRC = Interstate Technology Regulatory Council
 KAR = Kansas Administrative Rules
 KCMA = Kansas City Metropolitan Area
 KDA = Kansas Department of Agriculture
 KDHE = Kansas Department of Health and Environment
 kW = kilowatt
 LAC = Louisiana Administrative Code
 LB = legislative bill
 LDEQ = Louisiana Department of Environmental Quality
 LDR = land disposal restriction
 LLRW = low level radioactive waste

LPDES = Louisiana Pollutant Discharge Elimination System
 LPST = leaking petroleum storage tank
 LQG = large quantity generator
 LT1ESWTR = Long Term 1 Enhanced Surface Water Treatment Rule
 LT2ESWTR = Long Term 2 Enhanced Surface Water Treatment Rule
 LUC = land use control
 LUST = leaking underground storage tank
 MACT = maximum achievable control technology
 MCL = maximum contaminant level
 MCLG = maximum contaminant level goal
 MDNR = Missouri Department of Natural Resources
 MDS = minimum desirable streamflow
 MSDS = Material Safety Data Sheet
 MEG = Military Environmental Group
 MEK = methyl ethyl ketone
 mg/L = milligram per liter
 mg/yr = megagrams per year
 MMR = Military Munitions Rule
 mph = mile per hour
 MP&M = metal products and machinery
 M2R = Military Munitions Rule
 mrem = millirem
 mrem/yr = millirem per year
 MS4 = municipal separate storm sewer system
 MSDS = material safety data sheet
 MSWG = Multi-State Working Group
 MSWLF = municipal solid waste landfill
 MSWTS = municipal solid waste transfer station
 MTBE = methyl tertiary butyl ether
 MVECP = Motor Vehicle and Engine Compliance Program
 MVEB = Motor Vehicle Emission Budget
 MWC = municipal waste combustion
 NAAQS = National Ambient Air Quality Standard
 NAICS = North American Industry Classification System
 NDEQ = Nebraska Department of Environmental Quality
 NDIA = National Defense Industrial Association
 NEPA = National Environmental Policy Act
 NESHAP = National Emission Standards for Hazardous Air Pollutants
 NFPA = National Fire Protection Association
 NGWA = National Ground Water Association
 NHPA = National Historic Preservation Act
 NMAC = New Mexico Administrative Code
 NMED = New Mexico Environment Department
 NOx = nitrogen oxides
 NORM = naturally occurring radioactive material
 NPDES = National Pollutant Discharge Elimination System
 NRC = Nuclear Regulatory Commission
 NREO = Northern Regional Environmental Office
 NREP = National Registry of Environmental Professionals
 NSP = new source performance
 NSR = new source review
 OAC = Oklahoma Administrative Code
 ODEQ = Oklahoma Department of Environmental Quality
 OE = ordnance and explosives
 OMEG = Oklahoma Military Environmental Group
 ORVR = onboard refueling vapor recovery
 OSHA = Occupational Safety and Health Administration
 OSPRA = Oil Spill Prevention and Response Act
 OSSF = on-site sewage facility
 OSWER = Office of Solid Waste and Emergency Response

P2 = pollution prevention
PASS = Permit Application Software System
PBR = permit by rule
PBT = persistent bioaccumulative toxin
PCB = polychlorinated biphenyl
pCi/L = picocurie per liter
PEMS = Predictive Emission Monitoring Systems
P.L. = public law
PM = particulate matter
POC = point of contact
POM = Program Objective Memorandum
POTW = publicly owned treatment works
ppb = part per billion
ppm = part per million
PRP = potentially responsible party
PSD = prevention of significant deterioration
PST = petroleum storage tank
PSTTF = Petroleum Storage Tank Trust Fund
PTE = potential to emit
PWS = public water system
RACM = reasonably available control measures
RACT = reasonably available control technology
RCRA = Resource Conservation and Recovery Act
RDX = Royal Demolition eXplosive
REC = Regional Environmental Coordinator
RFG = reformulated gasoline
RI = remedial investigation
RICE = reciprocating internal combustion engine
ROD = record of decision
SAME = Society of American Military Engineers
SB = Senate Bill
SDWA = Safe Drinking Water Act
SDWIS = Safe Drinking Water Information System
SERDP = Strategic Environmental Research and Development Program
SIC = Standard Industrial Classification
SIP = State Implementation Plan
SM = Senate Measure
SPCC = Spill Prevention, Control, and Countermeasure
SQG = small quantity generator
SREO = Southern Regional Environmental Office
TAC = Texas Administrative Code
TBD = to be determined
TCEQ = Texas Commission on Environment Quality
TCM = transportation control measure
TDS = total dissolved solids
TERP = Texas Emissions Reduction Plan
TIM = Transformation of Installation Management
TMDL = total maximum daily load
TPDES = Texas Pollutant Discharge Elimination System
TRI = Toxics Release Inventory
TRI-DDS = Toxics Release Inventory – Data Delivery System
TRRP = Texas Risk Reduction Program
TSCA = Toxic Substances Control Act
tpy = tons per year
TNT = trinitrotoluene
TXEP = Texas Environmental Partnership
UIC = underground injection control
USACE = U.S. Army Corps of Engineers
USAEC = U.S. Army Environmental Center
U.S.C. = United States Code

USFWS = U.S. Fish and Wildlife Service
USGS = U.S. Geological Survey
UST = underground storage tank
UXO = unexploded ordnance
VOC = volatile organic compound
WET = whole effluent toxicity
WMM = waste military munitions
WQBEL = water quality-based effluent limit
WQMP = Water Quality Management Plan
WREO = Western Regional Environmental Office
ug/L = microgram per liter

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